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108: 61420g Flowable cement compositions with high strength.
Sakai, Etsuro; Fusei, Yasuto (Denki Kagaku Kogyo K. K.) Jpn.
Kokai Tokkyo Koho JP 62,207,751 [87,207,751] (Cl. C04B28/02),
12 Sep 1987, Appl. 86/50,688, 10 Mar 1986; 4 pp. The compns.
essentially contain cementitious substances, silica fume, inactive
ultrafine powders, superplasticizers, and water. The compns. also
give high mech. strength. Thus, a compn. comprising portland
cement 100, silica fume 10, Al₂O₃ micro powders 10, Denka FT 500
(superplasticizer) 2.4, aggregates 120, and water 22 parts showed
table flow 216 mm and compressive strength (7 days) 1687 kg/cm².